

PATENT
HES 2003-IP-00102441

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Phillip M. Starr; Loren C. Swor;)
Kenneth L. Schwendemann)
) Art Unit: unknown
)
Serial No.: unknown)
)
Filed: concurrently herewith) Examiner: Unknown
)
For: DISPOSABLE DOWNHOLE TOOL)
WITH SEGMENTED COMPRESSION)
ELEMENT AND METHOD)

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent No. 4,720,113 issued January 19, 1988 to Daniel L. Hertz, Jr.

U.S. Patent No. 5,603,511 issued February 18, 1997 to William F. Keyser, Jr. et al.

U.S. Patent No. 6,102,117 issued August 15, 2000 to Loren C. Swor et al.

UNITED STATES PATENT APPLICATION

U.S. Patent Application entitled "Method for Removing a Tool From a Well", by Phillip M. Starr et al., serial number 10/765,509, filed January 27, 2004.

OTHER MATERIAL

SPE 84328 entitled "Application of Flow-Thru Composite Frac Plugs in Tight-Gas Sand Completions", by Mike Eberhard et al., dated 2003.

Paper entitled "Fas Drill® Frac Plug" dated 2003.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY. DOCKET NO. 2003-IP-010244U1	SERIAL NO. unknown
APPLICANT Phillip M. Starr et al.			
		FILING DATE concurrently herewith	GROUP unknown

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	4,720,113	01/19/88	Hertz. Jr.	277	165	
	AB	5,603,511	02/18/97	Keyser, Jr. et al.	277	115	
	AC	6,102,117	08/15/00	Swor et al.	166	138	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
	AR							
	AS							
	AT							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	U.S. Patent Application entitled "Method for Removing a Tool From a
		Well", by Phillip M. Starr et al., serial number 10/765,509, filed January 27, 2004.
	AV	SPE 84328 entitled "Application of Flow-Thru Composite Frac Plugs in
		Tight-Gas Sand Completions", by Mike Eberhard et al., dated 2003.
	AW	Paper entitled "Fas Drill® Frac Plug" dated 2003.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.